

## INTERNATIONAL SEARCH REPORT

PCT/IB2004/004407

**A CLASSIFICATION OF SUBJECT MATTER**  
 IPC 7 C07K16/42 C12N5/20 A61K39/395

According to International Patent Classification (IPC) or to both national classification and IPC

**B FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
 IPC 7 C07K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data, EMBASE, BIOSIS, Sequence Search

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category	Citation of document with indication, where appropriate, of the relevant passages	Relevant to claim No
P, X	BRÄNDLEIN S. ET AL: "Natural IgM antibodies and immuno surveillance mechanisms against epithelial cancer cells in humans" CANCER RESEARCH, vol. 63, 2003, pages 7995-8005, XP002346831 the whole document -----	1-28
X	EP 0 376 746 A (THE WISTAR INSTITUTE) 4 July 1990 (1990-07-04) column 1, line 20 - line 45 ----- -/-	1-28

Further documents are listed in the continuation of box C

Patent family members are listed in annex

## \* Special categories of cited documents

- 'A' document defining the general state of the art which is not considered to be of particular relevance
- 'E' earlier document but published on or after the international filing date
- 'L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- 'O' document referring to an oral disclosure, use, exhibition or other means
- 'P' document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance, the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance, the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

6 October 2005

Date of mailing of the international search report

26/10/2005

Name and mailing address of the ISA

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PCT/IB2004/004407

## C(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
X	ESSANI K. ET AL: "ant 1-idiotypic antibodies against a human multiple organ-reactive autoantibody" THE JOURNAL OF CLINICAL INVESTIGATION, vol. 76, 1985, pages 1649-1656, XP002346832 Paragraph Methods -----	15
T	US 2005/032131 A1 (WOLOZIN BENJAMIN ET AL) 10 February 2005 (2005-02-10) paragraph '0075! -----	

## INTERNATIONAL SEARCH REPORT

PCT/IB2004/004407

Patent document cited in search report	Publication date		Patent family member(s)		Publication date
EP 0376746	A	04-07-1990	AU 4733989 A CA 2006812 A1 JP 3080081 A US 5185254 A		16-08-1990 29-06-1990 04-04-1991 09-02-1993
US 2005032131	A1	10-02-2005	US 2002151464 A1		17-10-2002

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/IB2 004/004407

Box No. I Nucleotide and/or amino acid sequence(s) (Continuation of item 1.b of the first sheet)

1. With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, the international search was carried out on the basis of:
  - a. type of material
    - a sequence listing
    - table(s) related to the sequence listing
  - b. format of material
    - in written format
    - in computer readable form
  - c. time of filing/furnishing
    - contained in the international application as filed
    - filed together with the international application in computer readable form
    - furnished subsequently to this Authority for the purpose of search
2.  In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
3. Additional comments: